

DNA sequence which hybridize with it and/or show a significant homology with this sequence or fragments of it and which code for a protein with the same function.

Claim 7 (amended) DNA sequence according to claim 1 comprising modifications introduced by suppression, insertion and/or substitution of at least one nucleotide coding for a protein with the same biological activity as human transcription factor hTFIIIA.

Claim 8 (amended) DNA sequence according to claim 1 as well as similar DNA sequences which have nucleotide sequence homology of at least 50% or at least 60% and preferably at least 70% with the said DNA sequence.

Claim 9 (amended) DNA sequence according to claim 1 as well as similar DNA sequences which code for a protein, the AA sequence of which has a homology of at least 40% and in particular 45% or at least 50%, rather at least 60% and preferably at least 70% with the AA sequence coded by the said DNA sequence.

Claim 10 (amended) Polypeptide having the function of human transcription factor hTFIIIA and with the amino acid sequence SEQ ID No: 2 coded by the DNA sequence according to claim 1 and the analogues of this polypeptide.

Claim 11 (amended) Process for the preparation of the hTFIIIA recombinant protein having the amino acid sequence SEQ ID No: 2 comprising the expression of the DNA sequence according to claim 1 in an appropriate host, then isolation and purification of the said recombinant protein.

